



## Eaton 014016

Eaton Moeller® series T0 Star-delta switch, 20 A, rear mounting, Basic switch, 4 contact units, Contacts: 8, 45 °, Design number 8410

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<b>PRODUCT NAME</b>	Eaton Moeller® series T0 Star-delta switch
<b>CATALOG NUMBER</b>	014016
<b>PRODUCT LENGTH/DEPTH</b>	77 mm
<b>PRODUCT HEIGHT</b>	48 mm
<b>PRODUCT WIDTH</b>	48 mm
<b>PRODUCT WEIGHT</b>	0.142 kg
<b>CERTIFICATIONS</b>	CE



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<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	UV resistance only in connection with protective shield.
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION</b>	Does not apply, since the

DECLARATIONS OF CONFORMITY	<a href="#">eaton-step-switch-declaration-of-conformity-uk251327en.pdf</a>
ECAD MODEL	<a href="#">DA-CE-ETN.T0-4-8410_XZ</a>
□□□	<a href="#">eaton-rotary-switches-star-delta-t0-star-delta-switch-wiring-diagram.eps</a>
□□	<a href="#">eaton-rotary-switches-front-plate-t0-star-delta-switch-symbol-006.eps</a>

<b>AGAINST ELECTRIC SHOCK</b>	entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>FITTED WITH:</b>	0 (off) position
<b>POLLUTION DEGREE</b>	3
<b>ENCLOSURE MATERIAL</b>	Plastic
<b>ACTUATOR TYPE</b>	Short thumb-grip
<b>NUMBER OF AUXILIARY CONTACTS (CHANGE-OVER CONTACTS)</b>	0
<b>NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)</b>	0
<b>NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)</b>	0
<b>NUMBER OF CONTACT UNITS</b>	4
<b>ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT</b>	Screw connection
<b>MOUNTING POSITION</b>	As required
<b>MOUNTING METHOD</b>	Rear mounting
<b>OVERVOLTAGE CATEGORY</b>	III
<b>NUMBER OF POLES</b>	Three-pole
<b>DEGREE OF PROTECTION</b>	NEMA 12 IP65
<b>NUMBER OF CONTACTS</b>	8
<b>MODEL</b>	Star-delta switch
<b>DEGREE OF PROTECTION (FRONT SIDE)</b>	IP65 NEMA 12
<b>RATED OPERATIONAL CURRENT (IE) AT AC-21, 440 V</b>	20 A

<b>RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V</b>	11.5 A
<b>SUITABLE FOR</b>	Ground mounting Intermediate mounting Front mounting
<b>RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ</b>	5.5 kW
<b>RATED UNINTERRUPTED CURRENT (IU)</b>	20 A
<b>SWITCHING ANGLE</b>	45 °
<b>DESIGN</b>	8410
